



TEST REPORT

No. I20Z60999-EMC01

for

TCL Communication Ltd.

Tablet PC

Model Name: 9032W

FCC ID: 2ACCJB129

with

Hardware Version: 03

Software Version: 1CS09000

Issued Date: 2020-07-27

Note:

The test results in this test report relate only to the devices specified in this report. This report shall not be reproduced except in full without the written approval of CTTL.

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REPORT HISTORY

Report Number	Revision	Description	Issue Date
I20Z60999-EMC01	Rev.0	1 st edition	2020-07-27

Note: the latest revision of the test report supersedes all previous versions.

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1. Test Laboratory

1.1. Introduction & Accreditation

Telecommunication Technology Labs, CAICT is an ISO/IEC 17025:2005 accredited test laboratory under NATIONAL VOLUNTARY LABORATORY ACCREDITATION PROGRAM (NVLAP) with lab code 600118-0, and is also an FCC accredited test laboratory (CN5017), and ISED accredited test laboratory (CN0066). The detail accreditation scope can be found on NVLAP website.

1.2. Testing Location

CTTL (huayuan North Road)

Address: No. 52, Huayuan North Road, Haidian District, Beijing, P. R. China100191

1.3. Testing Environment

Normal Temperature: 15-35°C

Relative Humidity: 20-75%

1.4. Project data

Testing Start Date: 2020-07-02

Testing End Date: 2020-07-24

1.5. Signature



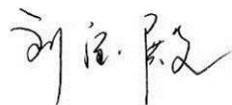
Li Yan

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Deputy Director of the laboratory

(Approved this test report)



2. Client Information

2.1. Applicant Information

Company Name: TCL Communication Ltd.
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Postal Code: /
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Telephone: 0086-755-36611722
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2.2. Manufacturer Information

Company Name: TCL Communication Ltd.
Address: 5/F, Building 22E, 22 Science Park East Avenue, Hong Kong Science Park, Shatin, NT, Hong Kong
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Postal Code: /
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Contact: zhizhou.gong@tcl.com
Telephone: 0086-755-36611722
Fax: 0086-755-36612000-81722

3. Equipment Under Test (EUT) and Ancillary Equipment (AE)

3.1. About EUT

Description	Tablet PC
Model Name	9032W
FCC ID	2ACCJB129
Extreme vol. Limits	3.5VDC to 4.4VDC (nominal: 3.85VDC)

Note: Components list, please refer to documents of the manufacturer; it is also included in the original test record of CTTL, Telecommunication Technology Labs, CAICT.

3.2. Internal Identification of EUT used during the test

EUT ID*	SN or IMEI	HW Version	SW Version
EUT2	015773000002548	03	1CS09000

*EUT ID: is used to identify the test sample in the lab internally.

3.3. Internal Identification of AE used during the test

AE ID*	Description	SN	Remarks
AE1	Battery	CAC4000020C1	/
AE2	Charger	CBA0059AGAC5	/
AE3	USB Cable	CDA0000123C2	/
AE4	Headset	/	/
AE1			
	Type	TLp040M1	
	Manufacturer	BYD	
	Capacitance	/	
	Nominal voltage	/	
AE2			
	Model	UC13US	
	Manufacturer	PUAN	
	Length of cable	/	
AE3			
	Type:	Data Cable	
	Manufacturer	SHENGHUA	
	Length of cable	/	
AE4			
	Model	/	
	Manufacturer	/	
	Length of cable	/	

Note: The USB cables are shielded.



3.4. General Description

The device contains receivers which tune and operate between 30MHz-960MHz in the following bands: GSM850, WCDMA Band 5, LTE Band 5, LTE Band 12, LTE Band 13, LTE Band 17, LTE Band 26 and LTE Band 71.

3.5. EUT set-ups

EUT set-up No.	Combination of EUT and AE	Remarks
Set.1	EUT2+ AE1 + AE2+ AE3	Charger+ Camera+GSM850 RX mode Charger+MP3 + WCDMA Band5 RX mode
Set.2	EUT2+ AE1 + AE2+ AE3+ AE4	Charger+MP4+ LTE Band5 RX mode
Set.3	EUT2+ AE1 + AE3+ AE4	USB mode +FM

4. Reference Documents

4.1. Reference Documents for testing

The following documents listed in this section are referred for testing.

Reference	Title	Version
FCC Part 15, Subpart B	Radio frequency devices - Unintentional Radiators	2019
ANSI C63.4	American National Standard for Methods of Measurement of Radio- Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz	2014

Note: The test methods have no deviation with standards.

5. LABORATORY ENVIRONMENT

Semi-anechoic chamber SAC-1 (23 meters×17 meters×10 meters) did not exceed following limits along the EMC testing:

Temperature	Min. = 15 °C, Max. = 35 °C
Relative humidity	Min. = 15 %, Max. = 75 %
Shielding effectiveness	0.014MHz - 1MHz, >60dB; 1MHz - 1000MHz, >90dB.
Electrical insulation	> 2 MΩ
Ground system resistance	< 4Ω
Normalised site attenuation (NSA)	< ± 4 dB, 3m/10m distance, from 30 to 1000 MHz
Site voltage standing-wave ratio (S_{VSWR})	Between 0 and 6 dB, from 1GHz to 18GHz
Uniformity of field strength	Between 0 and 6 dB, from 80 to 6000 MHz

Semi-anechoic chamber SAC-2 (10 meters×6.7meters×6.1meters) did not exceed following limits along the EMC testing:

Temperature	Min. = 15 °C, Max. = 35 °C
Relative humidity	Min. = 15 %, Max. = 75 %
Shielding effectiveness	0.014MHz - 1MHz, >60dB; 1MHz - 1000MHz, >90dB.
Electrical insulation	> 2 MΩ
Ground system resistance	< 4 Ω
Normalised site attenuation (NSA)	< ± 4 dB, 3m distance, from 30 to 1000 MHz
Site voltage standing-wave ratio (S_{VSWR})	Between 0 and 6 dB, from 1GHz to 18GHz
Uniformity of field strength	Between 0 and 6 dB, from 80 to 6000 MHz

Shielded room did not exceed following limits along the EMC testing:

Temperature	Min. = 15 °C, Max. = 35 °C
Relative humidity	Min. = 20 %, Max. = 75 %
Shielding effectiveness	0.014MHz-1MHz, >60dB; 1MHz—1000MHz, >90dB.
Electrical insulation	> 2 MΩ
Ground system resistance	< 4 Ω



6. SUMMARY OF TEST RESULTS

Abbreviations used in this clause:		
Verdict Column	P	Pass
	NA	Not applicable
	F	Fail
	BR	Re-use test data from basic model report.

Items	Test Name	Clause in FCC rules	Section in this report	Verdict	Test Location
1	Radiated Emission	15.109(a)	A.1	P	CTTL(huayuan North Road)
2	Conducted Emission	15.107(a)	A.2	P	CTTL(huayuan North Road)

7. Test Equipments Utilized

NO.	Description	TYPE	SERIES NUMBER	MANUFACTURE	CAL DUE DATE	CALIBRATION INTERVAL
1	Test Receiver	ESCI 3	100344	Rohde & Schwarz	2021-02-26	1 year
2	LISN	ENV216	101200	R&S	2021-05-19	1 year
3	EMI Antenna	VULB 9163	483	Schwarzbeck	2020-09-17	1 year
4	EMI Antenna	3115	9614	ETS-Lindgren	2021-01-14	1 year
5	Test Receiver	ESU26	100235	Rohde & Schwarz	2021-03-03	1 year
7	Signal Generator	SMF100A	102063	R&S	2020-11-12	1 year
8	Universal Radio Communication Tester	CMW500	150344	R&S	2020-11-17	1 Year
9	Universal Radio Communication Tester	CMW500	116588	R&S	2020-12-05	1 Year
10	PC	OPTIPLEX 380	2X1YV2X	DELL	N/A	N/A
11	Printer	P1606dn	VNC3L52122	HP	N/A	N/A
12	Keyboard	L100	CN0RH659658 907ATOI40	DELL	N/A	N/A
13	Mouse	M-UAE119	LZ935220ZRC	Lenovo	N/A	N/A

Test Item	Test Software and Version	Software Vendor
Radiated Continuous Emission	EMC32 V9.01.00	R&S
Conducted Emission	EMC32 V8.52.0	R&S

ANNEX A: MEASUREMENT RESULTS

A.1 Radiated Emission

Reference

FCC: CFR Part 15.109(a).

A.1.1 Method of measurement

The field strength of radiated emissions from the unintentional radiator (USB mode of MS and charging mode of MS) at distances of 10 meters (for 30MHz-1GHz) and 3 meters (for above 1GHz) is tested. Tested in accordance with the procedures of ANSI C63.4 – 2014, section 8.3.

The EUT was placed on a non-conductive table. The measurement antenna was placed at a distance of 3 meters from the EUT. During the tests, the antenna height and the EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. This maximization process was repeated with the EUT positioned in each of its three orthogonal orientations.

A.1.2 EUT Operating Mode

The MS is operating in the USB mode, charging mode, MP3, MP4, Camera, FM and License RX band mode.

The EUT was tested while operating in licensed band RX mode. All licensed band receivers that tune in the range of 30MHz-960MHz, as listed in the Section 3.4, are investigated. Only the worst case emissions are reported.

The FM radio mode radiated testing was performed with the Low/Mid/High channel. Only the worst cases are reported.

All equipment is placed on the test table top and arranged in a typical configuration in accordance with ANSI C63.4-2014 and manipulated to obtain worst case emissions.

Note: I/O information: Printer – USB, Mouse – PS/2, Keyboard – USB.

A.1.3 Measurement Limit

Frequency range (MHz)	Field strength limit ($\mu\text{V}/\text{m}$)		
	Quasi-peak	Average	Peak
30-88	100		
88-216	150		
216-960	200		
960-1000	500		
>1000		500	5000

Note: the above limit is for 3 meters test distance. 10 meters' limit is got by converting.

Limit (10m) = limit (3m) + 20(log (3/10))

A.1.4 Test Condition

Frequency range (MHz)	RBW/VBW	Sweep Time (s)	Detector
30-1000	120kHz (IF Bandwidth)	5	Peak/Quasi-peak
Above 1000	1MHz/3MHz	15	Peak, Average

A.1.5 Measurement Results

A "reference path loss" is established and the A_{Rpl} is the attenuation of "reference path loss". It includes the antenna factor of receive antenna and the path loss.

The measurement results are obtained as described below:

$$\text{Result} = P_{\text{Mea}} + A_{\text{Rpl}} = P_{\text{Mea}} + G_A + G_{\text{PL}}$$

Where

G_A : Antenna factor of receive antenna

G_{PL} : Path Loss

P_{Mea} : Measurement result on receiver.

Measurement uncertainty (worst case): 30MHz-1GHz: 5.16dB, 1GHz-18GHz: 5.44dB, $k=2$.

Measurement results for Set.1:

Charger+ Camera+GSM850 RX mode /Average detector

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17988.100	48.6	-5.4	43.4	10.616	54.0	5.4	H
17988.667	48.3	-5.4	33.8	19.916	54.0	5.7	H
17955.800	48.2	-5.4	43.4	10.216	54.0	5.8	V
17981.867	48.2	-5.4	43.4	10.216	54.0	5.8	H
17895.167	48.2	-5.7	43.4	10.538	54.0	5.8	H
17775.033	48.1	-5.7	43.4	10.438	54.0	5.9	H

Charger+ Camera+GSM850 RX mode /Peak detector

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17920.667	57.3	-5.4	43.4	19.316	74.0	16.7	H
17952.400	57.3	-5.4	33.8	28.916	74.0	16.7	H
17950.133	57.0	-5.4	43.4	19.016	74.0	17.0	V
17922.933	56.8	-5.4	43.4	18.816	74.0	17.2	H
17979.600	56.7	-5.4	43.4	18.716	74.0	17.3	H
17976.767	56.7	-5.4	43.4	18.716	74.0	17.3	H

Measurement results for Set.1:
Charger+MP3 + WCDMA Band5 RX mode /Average detector

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17996.600	48.7	-5.4	43.4	10.716	54.0	5.3	H
17992.633	48.4	-5.4	33.8	20.016	54.0	5.6	H
17987.533	48.2	-5.4	43.4	10.216	54.0	5.8	V
17894.033	48.2	-5.7	43.4	10.538	54.0	5.8	H
17877.033	48.1	-5.7	43.4	10.438	54.0	5.9	H
17952.400	47.9	-5.4	43.4	9.916	54.0	6.1	H

Charger+MP3 + WCDMA Band5 RX mode /Peak detector

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17990.367	57.6	-5.4	43.4	19.616	74.0	16.4	H
17840.200	57.1	-5.7	33.8	29.038	74.0	16.9	H
17912.167	56.7	-5.7	43.4	19.038	74.0	17.3	V
17999.433	56.7	-5.4	43.4	18.716	74.0	17.3	H
17956.367	56.6	-5.4	43.4	18.616	74.0	17.4	H
17888.933	56.6	-5.7	43.4	18.938	74.0	17.4	H

Measurement results for Set.2:
Charger+MP4+ LTE Band5 RX mode /Average detector

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17937.667	49.0	-5.4	43.4	11.016	54.0	5.0	H
17974.500	48.9	-5.4	33.8	20.516	54.0	5.1	H
18000.000	48.5	-6.5	46.4	8.641	54.0	5.5	V
17976.767	48.5	-5.4	43.4	10.516	54.0	5.5	H
17865.133	48.4	-5.7	43.4	10.738	54.0	5.6	H
17871.367	48.3	-5.7	43.4	10.638	54.0	5.7	H

Charger+MP4+ LTE Band5 RX mode /Peak detector

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17896.867	58.0	-5.7	43.4	20.338	74.0	16.0	H
17963.167	57.4	-5.4	33.8	29.016	74.0	16.6	H
17974.500	57.3	-5.4	43.4	19.316	74.0	16.7	V
17902.533	57.0	-5.7	43.4	19.338	74.0	17.0	H
17992.067	56.6	-5.4	43.4	18.616	74.0	17.4	H
17980.733	56.5	-5.4	43.4	18.516	74.0	17.5	H

Measurement results for Set.3:
USB mode +FM /Average detector

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17983.000	50.9	-5.4	43.4	12.916	54.0	3.1	H
17963.733	50.6	-5.4	33.8	22.216	54.0	3.4	H
17957.500	50.5	-5.4	43.4	12.516	54.0	3.5	V
17947.867	50.4	-5.4	43.4	12.416	54.0	3.6	H
17989.800	50.1	-5.4	43.4	12.116	54.0	3.9	H
17964.867	50.1	-5.4	43.4	12.116	54.0	3.9	H

USB mode +FM /Peak detector

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17982.433	59.3	-5.4	43.4	21.316	74.0	14.7	H
17979.600	58.9	-5.4	33.8	30.516	74.0	15.1	H
17935.400	58.6	-5.4	43.4	20.616	74.0	15.4	V
17971.667	58.6	-5.4	43.4	20.616	74.0	15.4	H
17973.933	58.3	-5.4	43.4	20.316	74.0	15.7	H
17998.300	58.3	-5.4	43.4	20.316	74.0	15.7	H

Charger+ Camera+GSM850 RX mode, Set.1

Full Spectrum

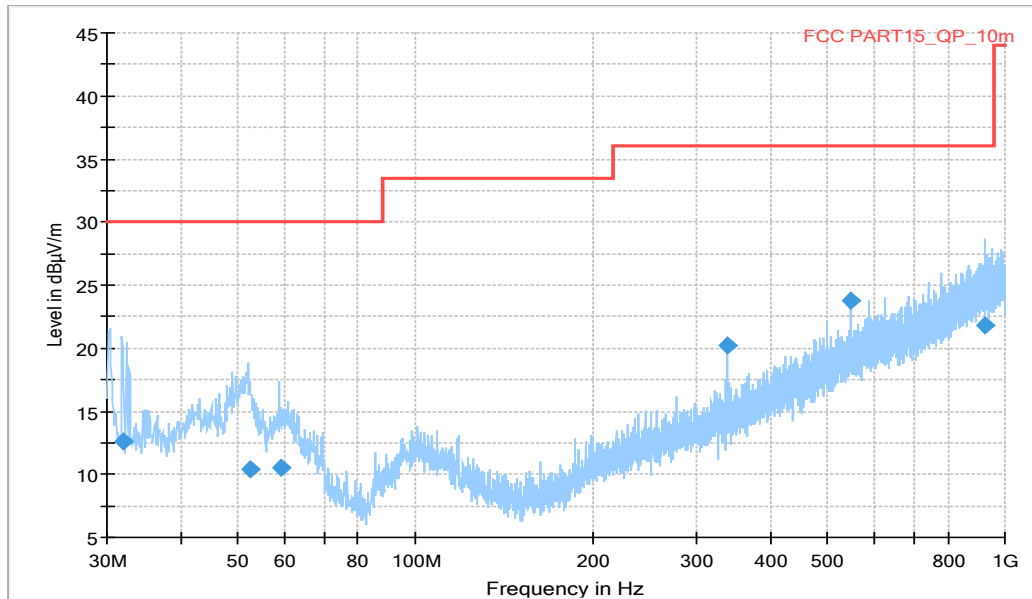


Figure A.1 Radiated Emission from 30MHz to 1GHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
32.046000	12.57	30.00	17.43	1000.0	120.000	125.0	V	30.0
52.536000	10.46	30.00	19.54	1000.0	120.000	125.0	V	-30.0
59.026000	10.50	30.00	19.50	1000.0	120.000	307.0	V	300.0
337.97500	20.27	36.00	15.75	1000.0	120.000	182.0	H	66.0
545.98000	23.74	36.00	12.28	1000.0	120.000	125.0	H	103.0
926.15100	21.84	36.00	14.18	1000.0	120.000	100.0	H	-18.0

Full Spectrum

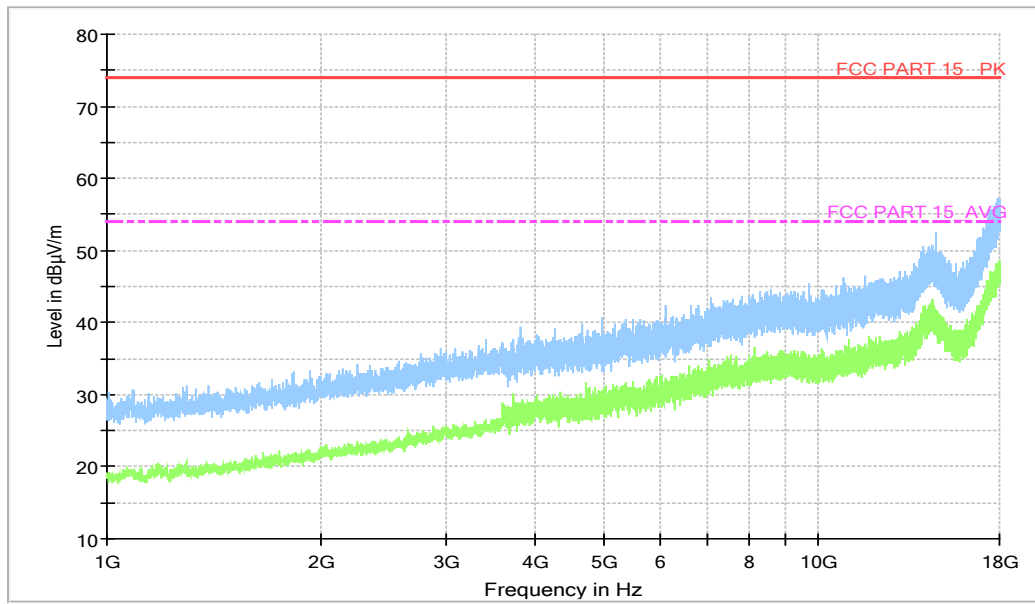


Figure A.2 Radiated Emission from 1GHz to 18GHz

Charger+MP3 + WCDMA Band5 RX mode, Set.1

Full Spectrum

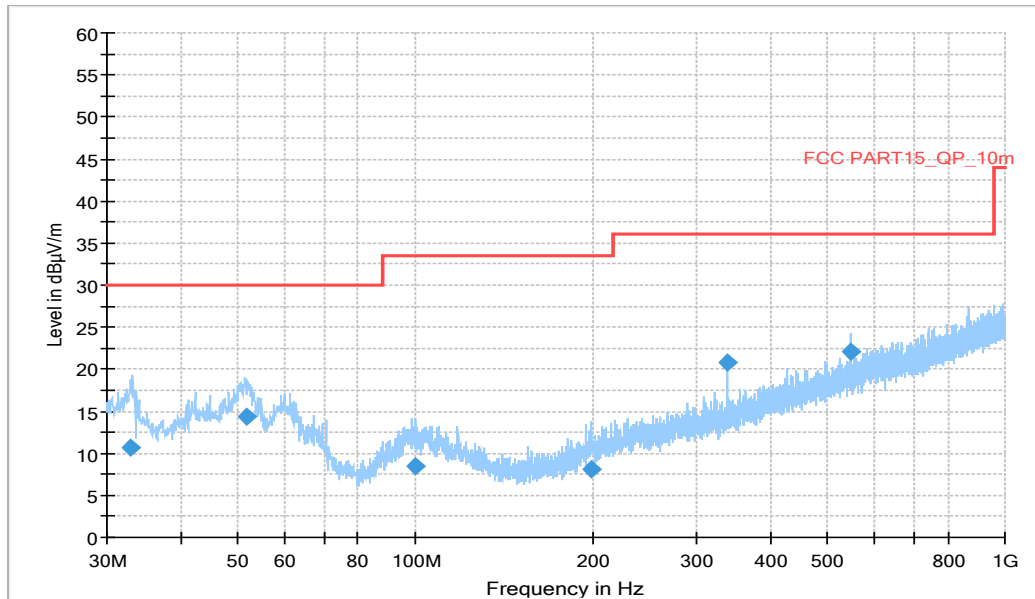


Figure A.3 Radiated Emission from 30MHz to 1GHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol
32.781000	10.68	30.00	19.32	1000.0	120.000	312.0	V
51.580000	14.30	30.00	15.70	1000.0	120.000	125.0	V
100.20500	8.52	33.50	25.00	1000.0	120.000	303.0	V
198.57700	8.03	33.50	25.49	1000.0	120.000	114.0	V
337.97500	20.78	36.00	15.24	1000.0	120.000	284.0	H
546.00300	22.01	36.00	14.01	1000.0	120.000	280.0	H

Full Spectrum

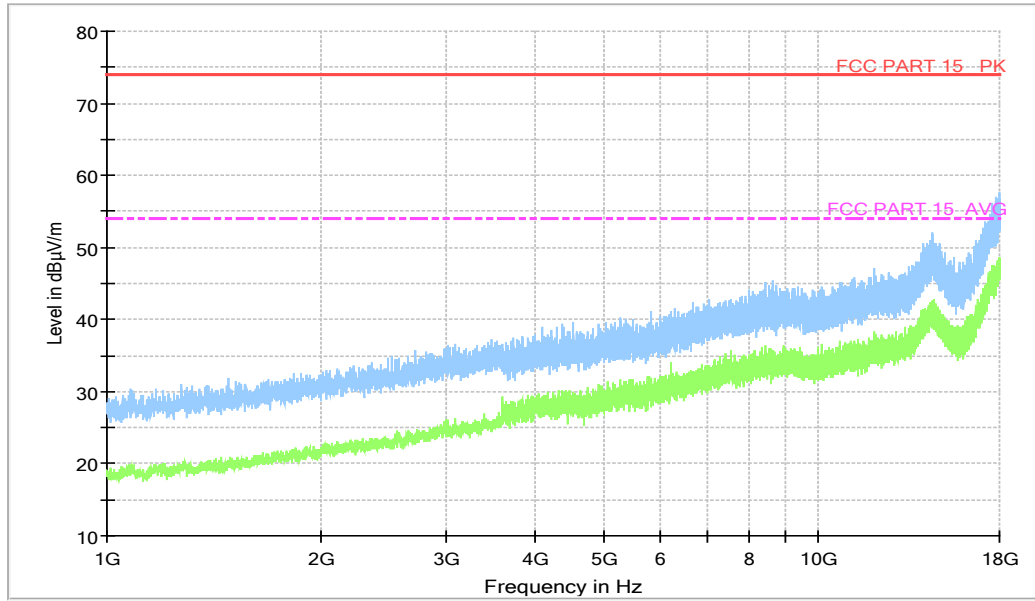


Figure A.4 Radiated Emission from 1GHz to 18GHz

Charger+MP4+ LTE Band5 RX mode, Set.2

Full Spectrum

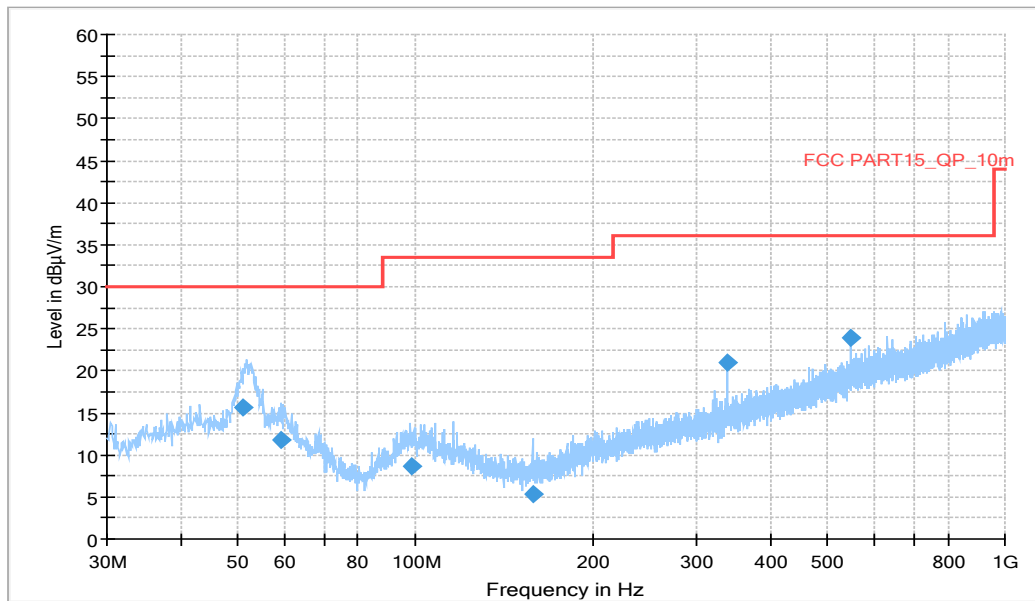


Figure A.5 Radiated Emission from 30MHz to 1GHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
50.957000	15.65	30.00	14.35	1000.0	120.000	101.0	V	203.0
59.414000	11.84	30.00	18.16	1000.0	120.000	125.0	V	30.0
98.611000	8.65	33.50	24.87	1000.0	120.000	325.0	V	291.0
158.16000	5.31	33.50	28.21	1000.0	120.000	279.0	H	245.0
337.97500	20.96	36.00	15.06	1000.0	120.000	315.0	H	210.0
545.98000	23.89	36.00	12.13	1000.0	120.000	184.0	H	71.0

Full Spectrum

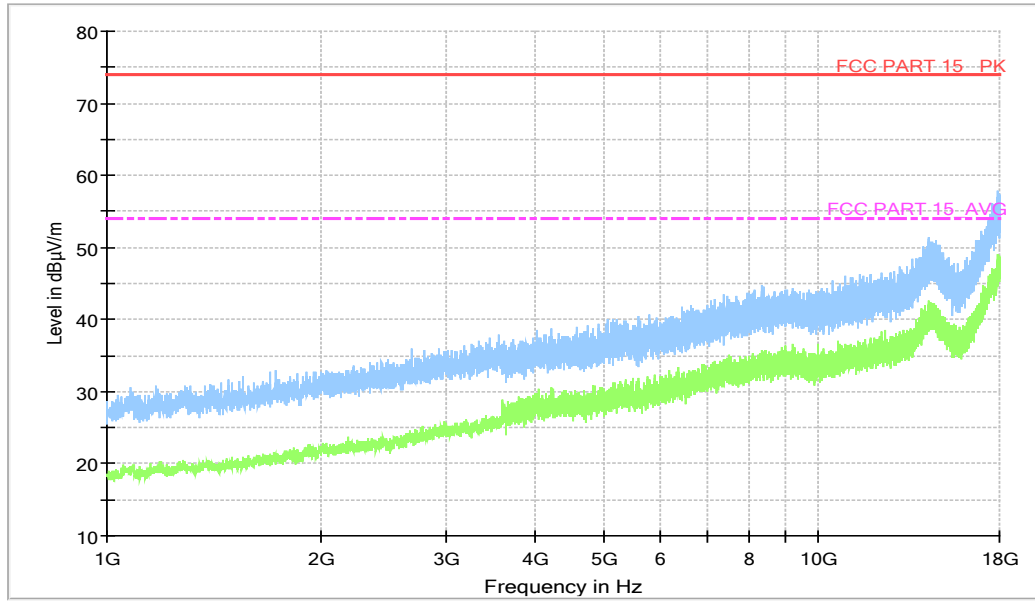


Figure A.6 Radiated Emission from 1GHz to 18GHz

USB mode +FM, Set.3

Full Spectrum

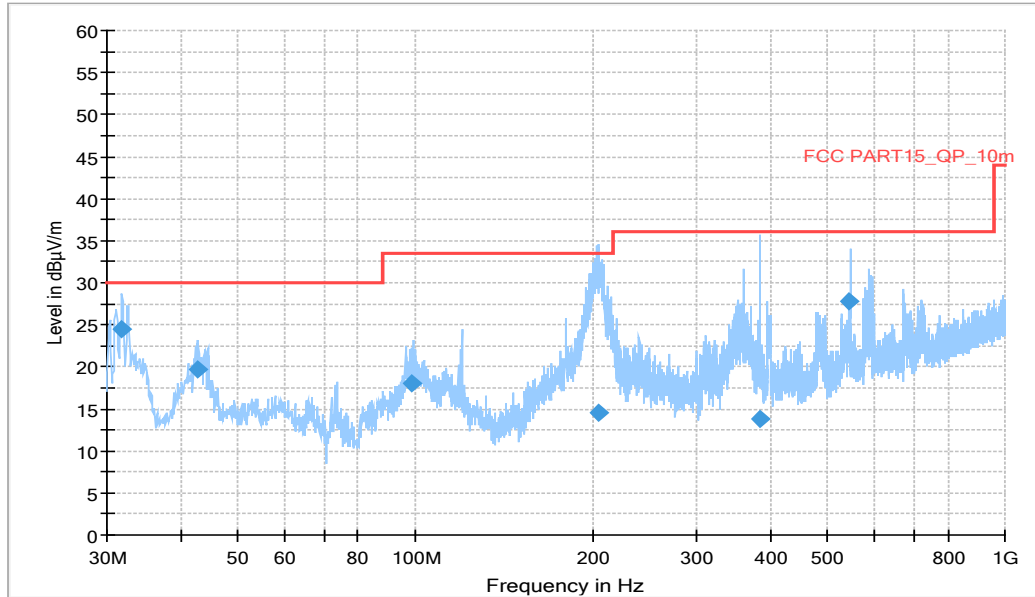


Figure A.7 Radiated Emission from 30MHz to 1GHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
31.843000	24.46	30.00	5.54	1000.0	120.000	125.0	V	30.0
42.804000	19.72	30.00	10.28	1000.0	120.000	103.0	V	300.0
98.343000	18.05	33.50	15.47	1000.0	120.000	121.0	V	30.0
204.43400	14.51	33.50	19.01	1000.0	120.000	282.0	H	210.0
383.57000	13.87	36.00	22.15	1000.0	120.000	225.0	H	120.0
545.60600	27.86	36.00	8.16	1000.0	120.000	225.0	V	3.0

Full Spectrum

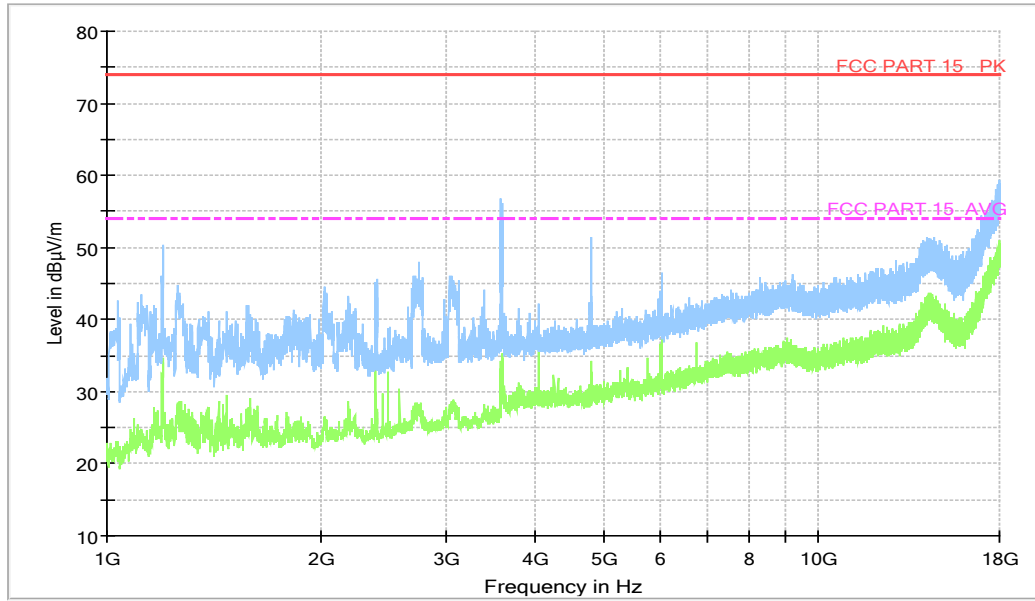


Figure A.8 Radiated Emission from 1GHz to 18GHz

A.2 Conducted Emission

Reference

FCC: CFR Part 15.107(a).

A.2.1 Method of measurement

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits. Tested in accordance with the procedures of ANSI C63.4 – 2014, section 7.3.

A.2.2 EUT Operating Mode

The MS is operating in the USB mode, charging mode, MP4, CAMERA and FM mode.

The software is used to let the PC keep on copying data to MS, reading and erasing the data after copy action was finished.

Note: I/O information: Printer – USB, Mouse – PS/2, Keyboard – USB.

A.2.3 Measurement Limit

Frequency of emission (MHz)	Conducted limit (dB μ V)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency

A.2.4 Test Condition in charging mode

Voltage (V)	Frequency (Hz)
120	60

RBW/IF bandwidth	Sweep Time(s)
9kHz	1

A.2.5 Measurement Results

Measurement uncertainty: $U= 3.08$ dB, $k=2$.

Charger+ Camera, Set.1

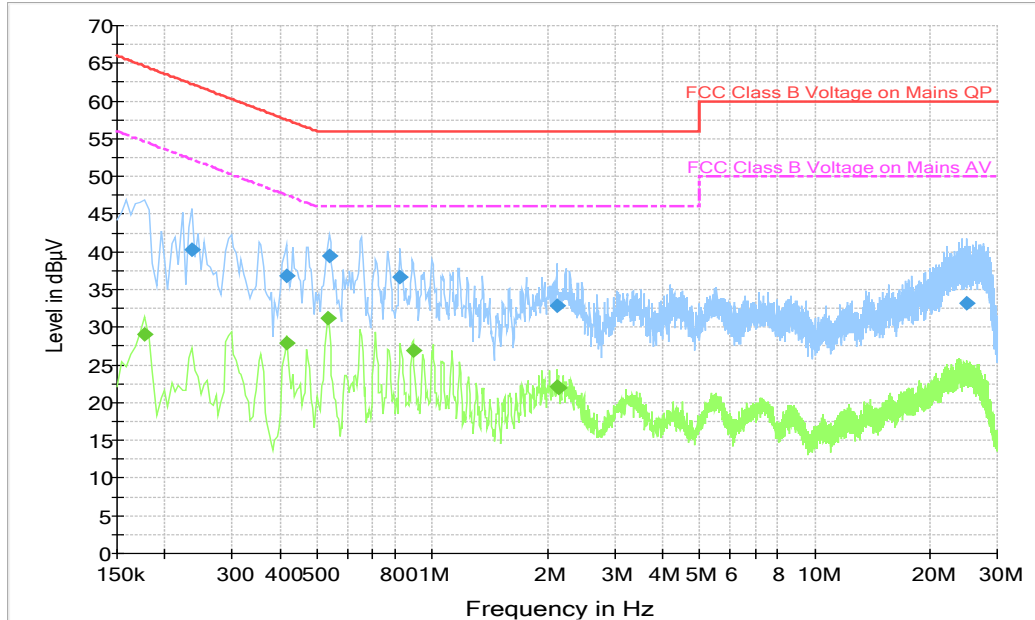


Figure A.9 Conducted Emission

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.235500	40.2	1000.0	9.000	On	N	19.8	22.0	62.3
0.415500	36.8	1000.0	9.000	On	N	19.9	20.7	57.5
0.537000	39.5	1000.0	9.000	On	N	19.9	16.5	56.0
0.825000	36.6	1000.0	9.000	On	N	20.0	19.4	56.0
2.116500	32.8	1000.0	9.000	On	N	19.9	23.2	56.0
24.877500	33.1	1000.0	9.000	On	L1	25.4	26.9	60.0

Final Result 2

Frequency (MHz)	Average (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.177000	29.0	1000.0	9.000	On	N	19.9	25.6	54.6
0.415500	27.8	1000.0	9.000	On	L1	20.1	19.7	47.5
0.532500	31.2	1000.0	9.000	On	N	19.9	14.8	46.0
0.892500	26.8	1000.0	9.000	On	N	20.0	19.2	46.0
2.116500	22.1	1000.0	9.000	On	L1	20.1	23.9	46.0
2.134500	21.9	1000.0	9.000	On	L1	20.1	24.1	46.0

. Charger+MP4, Set.2

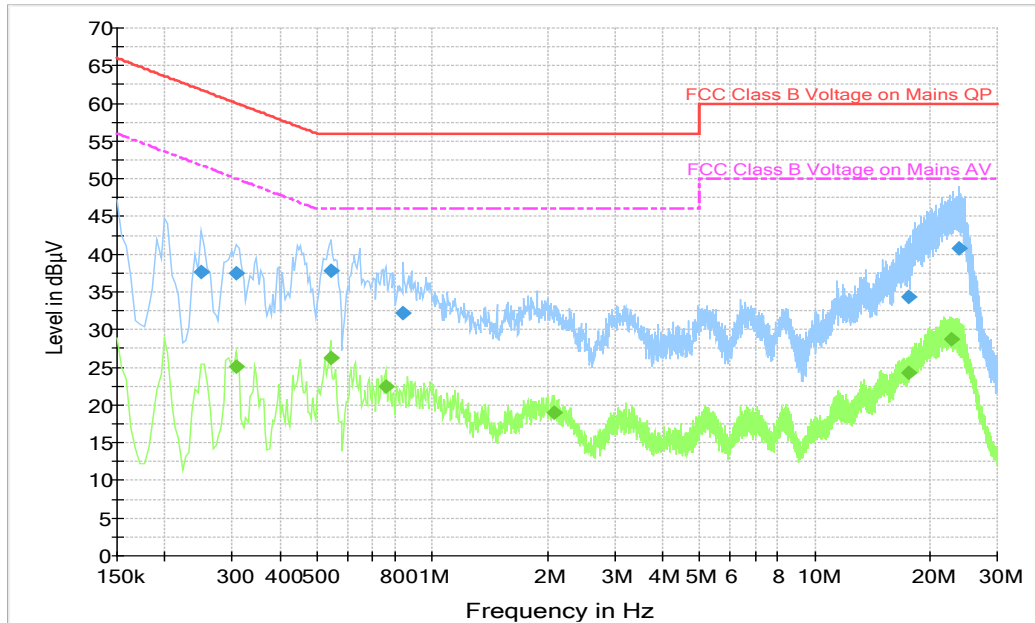


Figure A.10 Conducted Emission

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.249000	37.6	1000.0	9.000	On	L1	20.0	24.2	61.8
0.307500	37.5	1000.0	9.000	On	L1	20.0	22.5	60.0
0.546000	37.8	1000.0	9.000	On	L1	20.1	18.2	56.0
0.838500	32.2	1000.0	9.000	On	N	20.0	23.8	56.0
17.520000	34.4	1000.0	9.000	On	N	24.8	25.6	60.0
23.883000	40.8	1000.0	9.000	On	N	25.8	19.2	60.0

Final Result 2

Frequency (MHz)	Average (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.307500	25.1	1000.0	9.000	On	L1	20.0	25.0	50.0
0.541500	26.2	1000.0	9.000	On	L1	20.1	19.8	46.0
0.757500	22.5	1000.0	9.000	On	N	20.0	23.5	46.0
2.089500	19.0	1000.0	9.000	On	N	19.9	27.0	46.0
17.650500	24.2	1000.0	9.000	On	L1	24.8	25.8	50.0
22.663500	28.8	1000.0	9.000	On	L1	25.5	21.2	50.0

USB mode +FM, Set.3

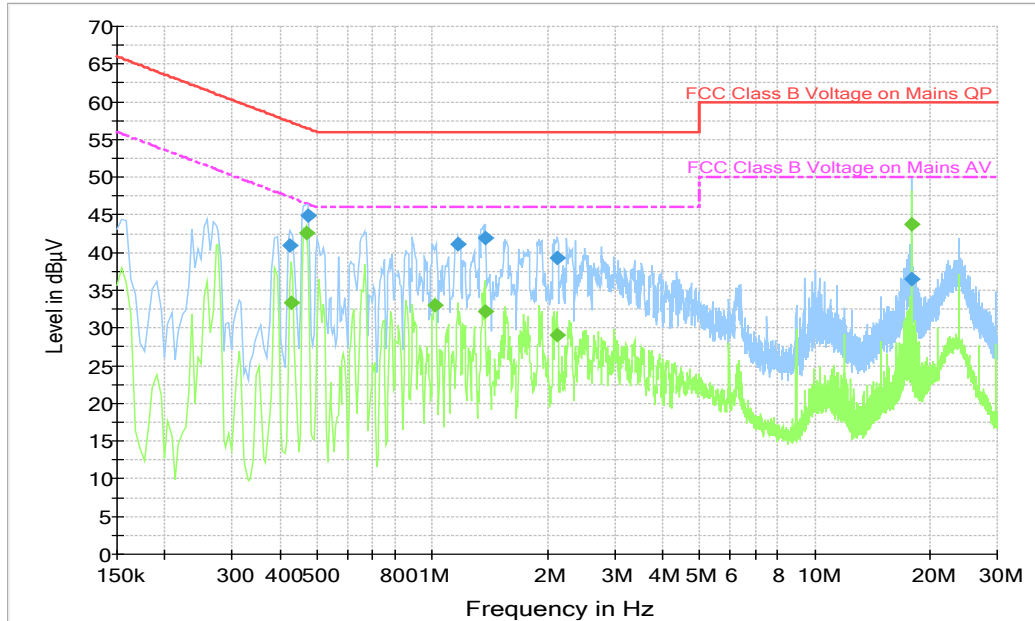


Figure A.11 Conducted Emission

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.424500	40.9	1000.0	9.000	On	L1	20.1	16.5	57.4
0.474000	44.9	1000.0	9.000	On	N	19.9	11.5	56.4
1.171500	41.0	1000.0	9.000	On	L1	19.8	15.0	56.0
1.378500	42.0	1000.0	9.000	On	L1	19.9	14.0	56.0
2.130000	39.4	1000.0	9.000	On	N	19.9	16.6	56.0
17.907000	36.4	1000.0	9.000	On	L1	24.8	23.6	60.0

Final Result 2

Frequency (MHz)	Average (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.429000	33.4	1000.0	9.000	On	N	19.9	13.9	47.3
0.469500	42.6	1000.0	9.000	On	N	19.9	3.9	46.5
1.014000	33.0	1000.0	9.000	On	N	19.9	13.0	46.0
1.374000	32.1	1000.0	9.000	On	N	19.9	13.9	46.0
2.125500	29.0	1000.0	9.000	On	N	19.9	17.0	46.0
17.902500	43.8	1000.0	9.000	On	N	24.8	6.2	50.0



ANNEX B: Persons involved in this testing

Test Item	Tester
Radiated Emission	Wang Huan
Conducted Emission	Shi Suolan, Wang Huan

*****END OF REPORT*****